



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	Group Art Unit:
Ho Yan Stephen Yip)	Examiner:
Application No.: 10/581,796)	Confirmation No.:
Filing Date: June 2, 2006)	
Title: MEANS AND METHODS OF SOUND)	
SYNTHESIZING)	

**FIRST
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date July 5, 2006

By: _____

James A. LaBarre
Registration No. 28632

P.O. Box 1404
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703.836.6620



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In re Patent Application of)
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

The relevance of the listed documents is their citation in the attached International Search Report, Written Opinion of the International Searching Authority, and International Preliminary Report on Patentability in the corresponding PCT application, and/or their citation in the specification.

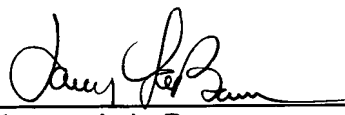
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date: July 5, 2006

By:

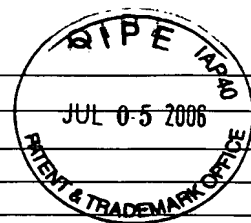

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FIRST
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number	10/581,796
Filing Date	June 2, 2006
First Named Inventor	Ho Yan Stephen Yip
Examiner Name	
Attorney Docket No.	1007198-000675



Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	4,018,121		Chowning	04-19-1977

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	*PIOTR KLECZKOWSKI, "GROUP ADDITIVE SYNTHESIS", Computer Music Journal, 1989, vol. 13, no. 1, pages 12-20
	*ANDREW HORNER et al., "MODELING ACOUSTIC WIND INSTRUMENTS WITH CONTIGUOUS GROUP SYNTHESIS", Journal of the Audio Engineering Society, Audio Engineering Society, Engineering Reports, October 1998, vol. 46, no. 10, pages 868-879, XP-000792094
	*KATHY LEE et al., "MODELING PIANO TONES WITH GROUP SYNTHESIS", Journal of the Audio Engineering Society, Audio Engineering Society, March 1999, vol. 47, no. 3, pages 101-111, XP-001003333
	*NGAI-MAN CHEUNG et al., "GROUP SYNTHESIS WITH GENETIC ALGORITHMS", Journal of the Audio Engineering Society, Audio Engineering Society, Papers, March 1996, vol. 44, no. 3, pages 130-147, XP-000696528
	*JEAN-CLAUDE RISSET et al., "ANALYSIS OF MUSICAL-INSTRUMENT TONES", Physics Today, February 1969, vol. 22, no. 2, pages 23-30, XP-009047339
	*International Search Report dated 05/23/2005.
	*Written Opinion of the International Searching Authority.
	* International Preliminary Report on Patentability dated 12/12/2005.

*Copy attached.

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.